

Executive Officer's Summary Report
8:30 a.m., April 26, 2012
Regional Water Quality Control Board
David C. Joseph Hearing Room
5550 Skylane Boulevard, Suite A
Santa Rosa, California

Item: 7

Subject: **Public Hearing** on Order No. R1-2012-0032 to consider Rescinding Cease and Desist Order No. R1-98-33 for **Coast Guard Two Rock Wastewater Treatment Facility**, WDID No. 1B800510SON, Sonoma County.

DISCUSSION

The Discharger owns and operates a wastewater collection, treatment, and disposal Facility that provides sewerage service to residential and commercial parcels at the Petaluma Training Center (TRACEN) and the Two Rock Elementary School located outside of the TRACEN boundary. The TRACEN Facility currently supports a population of 1,350 people, with 127 family housing units, dining facilities for up to 600 students, and office, recreational and workspace areas for approximately 500 instructors, support and auxiliary personnel. In addition, the Facility has a recreational vehicle dump station approximately 3,000 feet from the headworks, and accepts sewage trucked from the U.S. Coast Guard Point Reyes Station housing site.

The existing Facility consists of the headworks with influent flow meter and grease trap; three facultative treatment ponds (with a capacity of approximately 11 million gallons); and chlorination facilities utilizing gaseous chlorine. The existing Facility also includes two effluent storage ponds and one emergency storage pond for a total storage volume of 5.1 million gallons, and 28.5 acres of pasture land owned by the Discharger that is irrigated with disinfected secondary effluent. The existing Facility is inadequately designed to meet the goal of storing treated effluent during the winter months and reclaiming disinfected, secondary effluent during dry months. For many years, the effluent has not consistently met requirements in Order No. 85-162. In addition, storage volume is insufficient to handle winter season wastewater flows, rainfall, and infiltration and inflow (I&I), and the Discharger has discharged disinfected, secondary effluent to land adjacent to Stemple Creek during the winter months to prevent overtopping of its storage ponds. These violations resulted in Cease and Desist Order (CDO) No. 98-33 being adopted by the Regional Water Board on March 26, 1998.

As described in more detail in the staff report for adoption of waste discharge requirements Order No. R1-2012-0033 for the U.S. Coast Guard (Item 8 on this Board

Meeting agenda), the Discharger identified plans to expand the treatment capacity of the Facility to accommodate planned expansion of housing and classroom facilities at TRACEN and to address deficiencies with its current system.

CDO No. R1-2012-0032 rescinds CDO No. 98-33 and includes an updated compliance schedule for the Discharger to complete construction of its wastewater treatment facility upgrade project and to comply with waste discharge requirements in proposed Order No. R1-2012-0033 which is scheduled for adoption concurrently with CDO No. R1-2012-0032. The proposed CDO gives the Discharger approximately 3 years, to June 1, 2015, to complete its upgrade project and comply with final effluent limitations in Order No. R1-2012-0033. The proposed CDO also includes interim effluent limitations for the Discharger to comply with until the wastewater treatment facility upgrade project is completed.

A copy of the draft CDO and/or information to access the draft on the Regional Water Board website was mailed to the Discharger, interested agencies, and persons. This item was open for public comment from February 2, 2012, through March 9, 2012. The Discharger submitted a comment letter on March 8, 2012 (attached). The attached Response to Comments document provides responses to the Discharger's comments and identifies changes made to Order No. R1-2012-0032 in response to the Discharger's comments.

Preliminary Staff
Recommendation:

Adopt Cease and Desist Order No. R1-2012-0032 as proposed.